

Amendment to the Drawings

The attached Replacement Sheets of drawings includes changes to FIGs. 1, 2, 3 and 4.

In FIG. 1, a representation for an external electrical connection, indicated by reference numeral 18, and a representation for a conductive pattern, indicated by reference numeral 19, for the external electrical connection have been added. Support for this amendment to FIG. 1 can be found in the original specification, at least on page 3, lines 18-22; page 6, lines 18-24; and claim 10.

In FIG. 2, the reference characters 12' and 12" have been added, which correspond to the conducting particles 12 including particles 12' covered by a conductive material 12", such as plastic spheres covered with gold. In addition, the reference numeral 11 has been changed to 7, to correctly refer to the top substrate. Support for this amendment to FIG. 2 can be found in the original specification, at least on page 5, lines 16-21.

In FIG. 3, the reference characters 11' and 11" have been added, which correspond to the top end and bottom end, respectively, of outside structure 11 (FIG. 1). In addition, the reference numerals 4, 6, and 11 has been changed to correctly refer to the top substrate 7, the outside structure 11, and the bottom substrate 4, respectively, to be consistent with the illustration in FIG. 1. Support for this amendment to FIG. 3 can be found in the original specification, at least on page 6, lines 8-14.

In FIG. 4, the reference numerals 4 and 11 has been changed to correctly refer to the top substrate 7 and the bottom substrate 4, respectively, to be consistent with the illustration in FIG. 1.

Attachment: Replacement Sheet
Annotated Sheet Showing Changes

REMARKS

By this amendment, claims 3 and 4 have been canceled. In addition, the specification, FIGs. 1-4, and claims 1, 2, 5, 7, 9 and 10 have been amended. Amendment to the specification corrects for minor typographical errors and provides several reference numerals corresponding to those found in the drawings. Claims 1, 2 and 5-10 remain in the application. Support for the amendments can be found the specification and drawings. No new matter has been added. This application has been carefully considered in connection with the Examiner's Action. Reconsideration, and allowance of the application, as amended, is requested.

The Drawings

The drawings stand objected to as failing to comply with 37 CFR 1.84(p)(5) for the reason that they contain the reference character 12 of FIG. 2 not mentioned in the description. Applicant respectfully traverses this objection for at least the following reason. The specification has been amended as indicated herein above to include the reference character 12, wherein the reference character 12 refers to conducting particles as described in the specification on page 5, lines 9-21. Accordingly, the objection of the drawings has now been overcome. Withdrawal of the objection is respectfully requested.

The drawings further stand objected to under 37 CFR 1.83(a) for the reason that the drawings must show every feature of the invention specified in the claims. In claim 10, the recited feature "at least one external electrical connection and a conductive pattern" did not appear in the drawings. Applicant respectfully traverses this objection for at least the following reason. In response, FIG. 1 has been amended as indicated herein above to include a representation of the at least one external electrical connection (indicated by reference character 18) and a conductive pattern for the external electrical connection (indicated by reference character 19). Support for this amendment to FIG. 1 can be found in the original specification, at least on page 3, lines

18-22; page 6, lines 18-24; and claim 10. Accordingly, the objection of the drawings has now been overcome. Withdrawal of the objection is respectfully requested.

Allowable Subject Matter

Claims 4 and 5 stand objected to but would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. §112, second paragraph, set forth in the Office Action and to include all of the limitations of the base claim and any intervening claims.

Allowability of claims 4 and 5 is noted with appreciation.

In lieu of rewriting claim 4 in independent form, claim 1 has been amended to include the limitations of claim 3 (which depended from claim 1) and claim 4 (which depended from claim 3). In addition, claim 1 has been amended to remove the phrase "forming part of" and the claim is believed to no longer be indefinite. Accordingly, claim 1 is in *prima facie* condition for allowance.

Claim 5 which originally depended from claim 4, has been amended herein to now depend from claim 1. Claim 5 is believed in *prima facie* condition for allowance.

Withdrawal of the objection is respectfully requested.

Rejection under 35 U.S.C. §112

Claims 1-10 stand rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. As noted herein above, claim 1 has been amended to remove the phrase "forming part of" and to correct for a typographical error.

Accordingly, claim 1 is believed to no longer be indefinite. In addition, claim 9 has been amended to remove the phrase "for example" and the claim is now believed to no longer be indefinite. Furthermore, the preambles of claims 9 and 10 have been corrected for consistency. Accordingly, the rejection of claims 1-10 has now been overcome.

Withdrawal of the rejection is respectfully requested.

Rejection under 35 U.S.C. §102

Claims 1 and 2 were rejected under 35 U.S.C. § 102(b) as being anticipated by **Min et al.** (US 2002/0163601). Applicant respectfully traverses this rejection for at least the following reason. As indicated herein above, in lieu of rewriting the objected to but allowable claim 4 in independent form, claim 1 has been amended to include the limitations of claim 3 (which depended from claim 1) and claim 4 (which depended from claim 3). In addition, claim 1 has been amended to remove the phrase "forming part of" and the claim is believed to no longer be indefinite. Accordingly, claim 1 is allowable and an early formal notice thereof is requested.

Claim 2 has been rewritten in independent form. In the Office action, Fig.'s 6-7 and paragraphs [0005] and [0026]-[0035] of **Min et al.** (US 2002/0163601) are cited as disclosing a first and second conductor pattern arranged on a single side of a first substrate. Fig.'s 6-7 are, however, block diagrams and cannot be said to disclose any information about the location of the conductors on the substrate. Moreover, **Min et al.** (US 2002/0163601) discloses only that "...the LCD part driving unit and the fingerprint capture sensor driving unit can be integrated into one driving unit, ..." as set forth in paragraph [0034] and does not indicate any position of the conductors with respect to sides of the substrate. Accordingly, **Min et al.** (US 2002/0163601) cannot be said to disclose or suggest the first conductor pattern and the second conductor pattern arranged on a single side of the first substrate recited in Claim 2. Withdrawal of the rejection is respectfully requested.

Claims 6, 8 and 9 were rejected under 35 U.S.C. § 102(b) as being anticipated by, or in the alternative, under 35 U.S.C. §103(a) as obvious over **Min et al.** (US 2002/0163601). Applicant respectfully traverses this rejection for at least the following reason. Claims 6, 8 and 9 depend from and further limit allowable independent claim 1 and therefore are allowable as well. Accordingly, the rejection of claims 6, 8 and 9 has now been overcome. Withdrawal of the rejection is respectfully requested.

Rejection under 35 U.S.C. §103

Claim 3 was rejected under 35 U.S.C. § 103(a) as being unpatentable over **Min et al.** (US 2002/0163601) in view of **JP 2002-312124 (JP'124)**. With respect to claim 3, Applicant respectfully traverses this rejection for at least the following reason. Claim 3 has been canceled herein, thus rendering the rejection thereof now moot.

Claims 7 and 9 were rejected under 35 U.S.C. § 103(a) as being unpatentable over **Min et al.** (US 2002/0163601). With respect to claims 7 and 9, Applicant respectfully traverses this rejection for at least the following reason. Dependent claims 7 and 9 depend from and further limit independent claim 1 and therefore are allowable as well. The 35 U.S.C. § 103(a) rejection thereof has now been overcome.

Claim 10 was rejected under 35 U.S.C. § 103(a) as being unpatentable over **Min et al.** (US 2002/0163601) in view of **Kono et al.** (US 2001/0043291). With respect to claim 10, Applicant respectfully traverses this rejection for at least the following reason. Dependent claim 10 depends from and further limits independent claim 1 and therefore is allowable as well. The 35 U.S.C. § 103(a) rejection thereof has now been overcome.

Conclusion

Except as indicated herein, the claims were not amended in order to address issues of patentability and Applicants respectfully reserve all rights they may have under the Doctrine of Equivalents. Applicants furthermore reserve their right to reintroduce subject matter deleted herein at a later time during the prosecution of this application or a continuation application.

It is clear from all of the foregoing that independent claims 1 and 2 are in condition for allowance. Dependent claims 5-10 depend from and further limit independent claim 1 and therefore are allowable as well. The amendments herein are fully supported by the original specification and drawings; therefore, no new matter is introduced. An early formal notice of allowance of claims 1, 2 and 5-10 is requested.

Respectfully submitted,

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Attachments

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